10VE-16

CAGTGGAACATTACCCCGCCGTGCATTCCGACGCTCTTGTGATCGGTGTCATGCAAAAAAGATCA AATGTACTGGAAATAAGGAGGTTACTGGCCGTGCTCCCTGTCAGCGTTGCCAGCAGGCTGGACTT $\tt CGATGCGTCTACAGTGAGCGATGCCCCAAGCGCAAGCTACGCCAATCCAGGGCAGCGGATCTCGT$ $\tt CTCTGCTGACCCAGATCCCTGCTTGCACATGTCCTCGCCTCCAGTGCCCTCACAGAGCTTGCCGC$ TAGACGTATCCGAGTCGCATTCCTCAAATACCTCCCGGCAATTTCTTGATCCACCGGACAGCTAC ATGTGATGGAGGCTTCAGCTGTCAGTTAGAGCCAACGCTGCCGGATCTACCTTCGCCCTTCGAGT GGCTTCTTACTGTCCTGCGCCAACAAGCGCAGGCCGACTGCCATCAAGGCACACTAGACGAATGT TTACGGACCAAGAACCTCTTTACGGCAGTACACTGTTACATATTGAATGTGCGGATTTTGACCGC CATATCGGAGTTGCTCCTATCGCAAATTAGGCGGACCCAGAACAGCCATATGAGCCCACTGGAAG GGAGTCGATCCCAGTCGCCGAGCAGAGACGACACTAGCAGCAGCAGCGGCCACAGCAGTGTTGAC ACCATACCCTTCTTTAGCGAGAACCTCCCTATTGGTGAGCTGTTCTCCTATGTTGACCCCCTGAC ACACGCCCTATTCTCGGCTTGCACTACGTTACATGTTGGGGGTAGAATTGCTGCGTGAGAATGAGA TTACTCTGGGAGTACACTCCGCCCAGGGCATTGCAGCTTCCATCAGCATGAGCGGGAACCAGGC GAGGATATAGCCAGGACAGGGGCGACCAATTCCGCAAGATGCGAGGAGCAGCCGACCACTCCAGC GGCTCGGGTTTTGTTCATGTTCTTGAGTGATGAAGGGGCCTTTCCAGGAGGCAAAGTCTGCTGGTT CCCGAGGTCGAACCATCGCAGCACTGCGACGATGCTATGAGGATATCTTTTCCCTCGCCCGCAAA CACAAACATGGCATGCTCAGAGACCTCAACAATATTCCTCCATGA (SEQ ID NO:76)

lovE-19

ATGGCTGCAGATCAAGGTATATTCACGAACTCGGTCACTCTCTCGCCAGTGGAGGGTTCACACAC CGGTGGAACATTACCCCGCCGTGCATTCCGACGCGCTTGTGATCGGTGTCATGCACAAAAGATCA AATGTACTGGAAATAAGGAGGTTACTGGCCGTGCTCCCTGTCAGCGTTGCCAGCAGGCTGGACTT CGATGCGTCTACAGTGAGCGATGCCCCAAGCGCAAGCTACGCCATTCCAGGGCATCGGATCTCGT CTCTGCTGACCCAGATCCCTGCTTGCACATGTCCTCGCCTCCAGTGCCCTCACAGAGCTTGCCGC TAGACGTATCCGAGTCGCATTCCTCAAATACCTCCCGGCAATTTCTTGATCCACCGGACAGCTAC ATGTGATGGAGGCTTCAGCTGTCAGTTAGAGCCAACGCTGCCGGATCTACCTTCGCCCTTCGAGT CGAGAGCTTTTCGATGACCTGTCGGCGGTGTCGCAGGAACTGGAAGAGATCCTTCTGGCCGTGAC GGCTTCTTACTGTCCTGCGCCAACAAGCGCAGGCCGACTGCCATCAAGGCACACTAGACGAATGT TTACGGACCAAGAACCTCTTTACGGCAGTACACTGTTACATATTGAATGTGCGGATTTTGACCGC CATATCGGAGTTGCTCCTGTCGCAAATTAGGCGGACCCAGAACAGCCATATGAGCCCACTGGACG ACCATACCCTTCTTTAGCGAGAACCTCCCTATTGGTGAGCTATTCTCCTATGTTGACCCCCTGAC ACACGCCCTATTCTCGGCTTGCACTACGTTACATGTTGGGGTACAATTGCTGCGTGAGAATGAGA TTACTCTGGGAGTAGACTCCGCCCAGGGCATTGCAGCTTCCATCAGCATGAGCGGGGAACCAGGC GAGGATATAGCCAGGACAGGGGCGACCAATTCCGCAAGATGCGAGGAGCAGCCGACCACTCCAGC GGCTCGGGTTTTGTTCATGTTCTTGAGTGATGAAGGGGCTTTCCAGGAGGCAAAGTCTGCTGGTT $\tt CCCGAGGTCGAACCATCACAGTACTGCGACGAAGCTATGAGGATATCTTTTCCCTCGCCCGCAAA$ CACAAACATGGCATGCTCAGAGACCTCAACAATATTCCTTCATGA (SEQ ID NO:77)

10VE-20

ATGGCTGCAGATCAAGGTATATTCACGAACTCGGTCACTCTCTCGCCAGTGGAGGGTTCACGCAC $\tt CGGTGGAACATTACCCCGCCGTGCACTCCGACGCTCTTGTGATCGGTGTCATGCACAAAAGATCA$ AATGTACTGGAAATAAGGAGGTTACTGGCCGTGCTCCCTGTCAGCGTTGCCAGCAGGCTGGACTT $\tt CGATGCGTCTACAGTGAGCGATGCCCCAAGCGCAAGCTACGCCAATCCAGGGCAGCGGATCTCGT$ CTCTGCTGACCCAGATCCCTGCTTGCACATGTCCTCGCCTCCAGTGCCCTCACAGAGCTTGCCGC TAGACGTATCCGAGTCGCATTCCTCAAATACCTCCCGGCAATTTCTTGATCCACCGGACAGCTAC ATGTGATGGAGGCTTCAGCTGTCAGTTAGAGCCAACGCTGCCGGATCTACCTTCGCCCTTCGAGT CTACGGTTGAAAAAGCTCCGTTGCCACCGGTATCGAGCGACATTGCTCGTGCGGCCAGTGCGCAA CGAGAGCTTTTCGATGACCTGTCGGCGGTGTCGCAGGAACTGGAAGAGATCCTTCTGGCCGTGAC GGCTTCTTACTGTCCTGCGCCAACAAGCGCAGGCCGACTGCCATCAAGGCACACTAGACGAATGT TTACGGACCAAGAACCTCTTTACGGCAGTACACTGTTACATATTGAATGTGCGGATTTTGACCGC CATATCGGAGTTGCTCCTGTCGCAAATTAGGCGGACCCAGAACAGCCATATGAGCCCACTGGAAG ACCATACCCTTCTTTAGCGAGAACCTCCCTATTGGTGAGCTGTTCTCCTATGTTGACCCCCTGAC ACACGCCCTATTCTCGGCTTGCACTACGTTACATGTTGGGGTACAATTGCTGCGTGAGAATGAGA TTACTCTGGGAGTACACTCCGCCCAGGGCATTGCAGCTTCCATCAGCATGAGCGGGGAACCAGGC GAGGATATAGCCAGGACAGGGGGGACCAATTCCGCAAGATGCGAGGAGCAGCCGATCACTCCAGC GGCTCGGGTTTTGTTCATGTTCTTGAGTGATGAAGGGGCTTTCCAGGAGGCAAAGTCTGCTGGTT CCCGAGGTCGAACCATCGCAGCACTGCGACGATGCTATGAGGATATCTTTTCCCTCGCCCGCAAA CACAAACATGCCATGCTCAGAGACCTCAACAATATTCCTCCATGA (SEQ ID NO:78)

lovE-21

ATGGCTGCAGATCAAGGTATATTCACGAACTCGGTCACTCTCTCGCCAGTGGAGGGTTCACGCAC $\tt CGGTGGAACATTACCCCGCCGTGCACTCCGACGCTCTTGTGATCGGTGTCATGCACAAAAGATCA$ AATGTACTGGAAATAAGGAGGTTACTGGCCGTGCTCCCTGTCAGCGTTGCCAGCAGGCTGGACTT CGATGCGTCTACAGTGAGCGATGCCCCAAGCGCAAGCTACGCCAATCCAGGGCAGCGGATCTCGT $\tt CTCTGCTGACCCAGATCCCTGCTTGCACATATCCTCGCCTCCAGTGCCCTCACAGAGCTTACCGC$ TAGACGTATCCGATTCGCATTCCTCAAATACCTCCCGGCAATTTCTTGATCCACCGGACAGCTAC GACTGGTCGTGGACCTCGATTGGCACTGACGAGGCTATTGACACTAACTGCTGGGGGCTGTCCCA ATGTGATGGAGGCTTCAGCTGTCAGTTAGAGTCAACGCTGCCGGATCTACCTTCGCCCTTCGAGT $\tt CTACGGTTGAAAAAGCTCCGTTGCCACCGGTATCGAGCGACATTGCTCGTGCGGCCAGTGCGCAA$ $\tt CGAGAGCTTTTCGATGACCTGTCGGCGGTGTCGCAGGAACTGGAAGAGATCCTTCTGGCCGTGAC$ $\tt GGCTTCTTACTGTCCTGCGCCAACAAGCGCAGGCCGACTGCCATCAAGGCACACTAGACGAATGT$ TTACGGACCAAGAACCTCTTTACGGCAGTACACTGTTACATATTGAATGTGCGGATTTTGACCGC ${\tt CATATCGGAGTTGCTCCTGTCGCAAATTAGGCGGACCCAGAACAGCCATATGAGCCCACTGGAAG}$ ACCATACCCTTCTTTAGCGAGAACCTCCCTATTGGTGAGCTGTTCTCCTATGTTGACCCCCTGAC ACACGCCCTATTCTCGGCTTGCACTACGTTACATGTTGGGGTACAATTGCTGCGTGAGATTGAGA ${\tt TTACTCTGGGAGTACACTCCGCCCAGGGCATTGCAGCTTCCATCAGCATGAGCGGGGAACCAGGC}$ GAGGATATAGCCAGGACAGGGGCAACCAATTCCGCAAGATGCGAGGAGCAGCCGACCACTCCAGC $\tt GGCTCGGGTTTTGTTCATGTTCTTGAGTGATGAAGGGGGCTTTCCAGGAGGCAAAGTCTGCTGGTT$ CCCGAGGTCGAACCATCGCAGCACTGCGACGATGCTATGAGGATATCTTTTCCCTCGCCCGCAAA CACAAATATGGCATGCTCAGAGACCTCAACAATATTCCTCCATGA (SEQ ID NO:79)

lovE-30

ATGGCTGCAGATCAAGGTATATTCACGAACTCGGTCACTCTCTCGCCAGTGGAGGGTTCACGCAC CGGTGGAACATTACCCCGCCGTGCATTCCGACGCTCTTGTGATCGGTGTCATGCACAAAAGGTCA AATGTACTGGAAATAAGGAGGTTACTGGCCGTGCTCCCTGTCAGCGTTGCCAGCAGGCTGGACTT CGATGCGTCTACAGTGAGCGATGCCCCAAGCGCAAGCTACGCCAATCCAGGGCAGCGGATCTCGT CTCTGCTGACCCAGATCCCTGCTTGCACATGTCCTCGCCTCCAGTGCCCTCACAGAGCTTGCCGC TAGACGTATCCGAGTCGCATTCCTCAAATACCTCCCGGCAATTTCTTGATCCACCGGACAGCTAC ATGTGATGGAGGCTTCAGCTGTCAGTTAGAGCCAACGCTGCCGGATCTACCTTCGCCCTTCGAGT CTACGGTTGAAAAAGCTCCGTTGCCACCGGTATCGAGCGACATTGCTCGTGCGGCCAGTGCGCAA CGAGAGCTTTTCGATGACCTGTCGGCGGTGTCGCAGGAACTGGAAGAGATCCTTCTGGCCGTGAC GGCTTCTTACTGTCCTGCGCCAACAAGCGCAGGCCGACTGCCATCAAGGCACACTAGACGAATGT TTACGGACCAAGAACCTCTTTACGGCAGTACACTGTTACATATTGAATGTGCGGATTTTGACCGC CATATCGGAGTTGCTCCTGTCGCAAATTAGGCGGACCCTGAACAGCCATATGAGCCCACTGGAAG ACCATACCCTTCTTTAGCGAGAACCTCCCTATTGGTGAGCTGTTCTCCTATGTTGACCCCCTGAC ACACGCCCTATTCTCGGCTTGCACTACGTTACATGTTGGGGTACAATTGCTGCGTGAGAATGAGA TTACTCTGGGAGTACACTCCGCCCAGGGCATTGCAGCTTCCATCAGCATGAGCGGGAACCAGGC GAGGATATAGCCAGGACAGGGGGGGCGACCAATTCCGCAAGATGCGAGGAGCAGCCGACCACTCCAGC GGCTCGGGTTTTGTTCATGTTCTTGAGTGATGAAGGGGCCTTTCCAGGAGGCAAAGTCTGCTGGTT CCCGAGGTCGAACCATCGCAGCACTGCGACGATGCTATGAGGATATCTTTTCCCTCGCCCGCAAA CACAAACATGGCATGCTCAGAGACCTCAACAATATTCCTCCATGA (SEQ ID NO:80)

1ovE-31

ATGGCTGCAGATCAAGGTATATTCACGAACTCCGTCACTCTCTCGCCAGTGGAGGGTTCACGCAC CGGTGGAACATTACCCCGCCGTGCATTACGACGCTCTTGTGATCGGTGTCATGCACAAAAGATCA AATGTACTGGAAATAAGGAGGTTACTGGCCGTGCTCCCTGTCAGCGTTGCCAGCAGGCTGGACTT CGATGCGTCTACAGTGAGCGATGCCCCAAGCGCAAGTTACGCCAATCCAGGGCAGCGGATCTCGT $\tt CTCTGCTGACCCAGATCCCTGCTTGCACATGTCCTCGCCTTCAGTGCCCTCACAGAGCTTGCCGC$ TAGACGTATCCGAGTCGCATTCCTCAAATACCTCCCGGCAATTTCTTGATCCACCGGACAGCTAC ACGTGATGGAGGCTTCAGCTCTCAGTTAAAGCCAACGCTGCCGGATCTACCTTCGCCCTTCGAGT CTACGGTTGAAAAAGCTCCGTTGCCACCGGTATCGAGCGACATTGCTCGTGCGGCCAGTGCGCAA GGCTTCTTACTGTCCTGCGCCAACAAGCGCAGGCCGACTGCCATCAAGGCACACTAGACGAATGT TTACGGACCAAGAACCTCTTTACGGCAGTACACTGTTACATATTGAATGTGCGGATTTTGACCGC CATATCGGAGTTGCTACTGTCGCAAATTAGGCTGACCCAGAACAGCCATATGAGCCCACTGGAAG ACCATACCCTTCTTTAGCGAGAACCTCCCTATTGGTGAGCTGTTCTCCTATGTTGACCCCCTGAC ACACGCCCTATTCTCGGCTTGCACTACGTTACATGTTGGGGTACAATTGCTGCGTGAGAATGAGA TTACTCTGGGAGTACACTCCGCCCAGGGCATTGCAGCTTCCATCAGCATGAGCGGGAACCAGGC GAGGATATAGCCAGGACAGGGGGGGACCAATTCCGCAAGATGCGAGGAGCAGCCGACCACTCCAGC GGCTCGGGTTTTGTTCATGTTCTTGAGTGATGAAGGGGCTTTCCAGGAGGCAAAGTCTGCTGGTT $\tt CCCGAGGTCGAACCATCGCAGCACTGCGACGATGCTATGAGGATATCTTTTCCCTCGCCCGCAAA$ CACAAACATGGCATGCTCAGAGACCTCAACAATATTCCTCCATGA (SEQ ID NO:81)